



ESUGS8-P2-B Series

Industrial Gigabit Ethernet Switch with PoE+
10 ports: 8 PoE+ ports, 2 SFP ports



Product Description

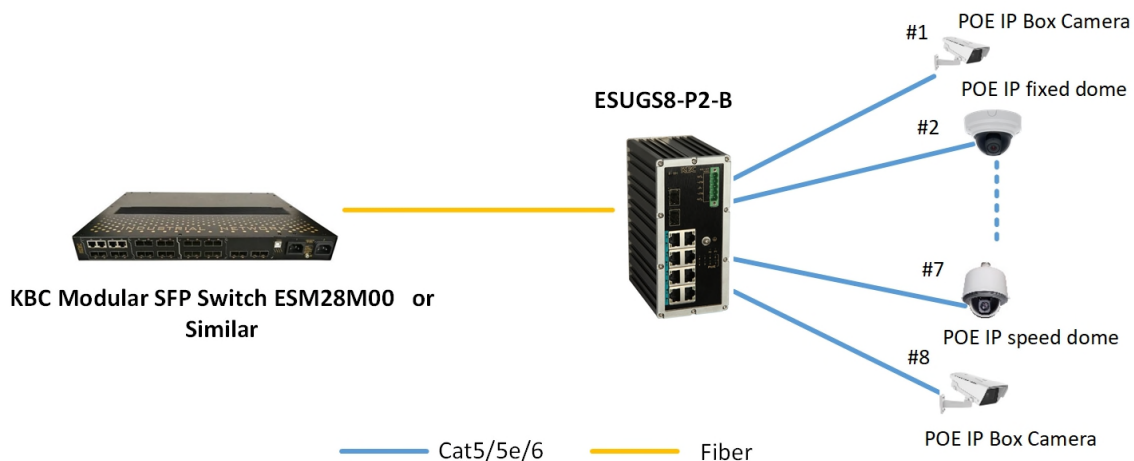
The KBC ESUGS8-P2-B Series is a high performance, unmanaged industrial gigabit Ethernet switch with 8* 10/100/1000M auto sensing copper ports and 2 gigabit SFP ports. The eight copper ports support PoE/PoE+ with each port able to provide a maximum of 30w power. The switch is rugged in design with IP40 and industrial level 3 ESD protection. The unique DIN mount design makes mounting and removal simple. The rugged design is suitable for use in harsh environment applications, such as in Power, Transportation, Pipeline, Petrochemical, Automation Industries and IP surveillance.



Product Features

- 8* 10/100/1000Base-T(X) ports
- 2* gigabit SFP ports
- Unmanaged industrial switch
- IEEE802.3af and IEEE802.3at
- Redundant power supply input
- Overload current protection and reverse polarity protection
- Level 3 ESD protection
- IP40 housing design
- DIN rail, desktop or wall-mounted
- Unique DIN mount design making mounting and removal simple.
- Both PoE and Non-PoE models are available

Typical System Configuration



Specifications

Standards

| | |
|----------------|---|
| IEEE Standards | IEEE802.3, IEEE802.3u IEEE802.3z, IEEE 802.3ab |
|----------------|---|

Ports

| | |
|--------------------------------|---|
| 10/100/1000MBase-T | 8 |
| 1000MBase-X SFP ⁽¹⁾ | 2 |

Switch Performance

| | |
|-----------------|-------------------|
| Architecture | Store-and-forward |
| Switch Capacity | 20Gbps |

PoE

| | |
|----------------------|-----------------------------|
| Standard | 802.3af/at |
| PSE Type | End-span |
| Power Pin Assignment | 1/2(+), 3/6(-) |
| PoE Power Output | up to 30 watts max per port |

Mechanical

| | |
|-------------------|------------------------|
| Dimension (W×D×H) | 68mm × 104.5mm × 146mm |
| Weight | 0.9kg |

Power⁽²⁾

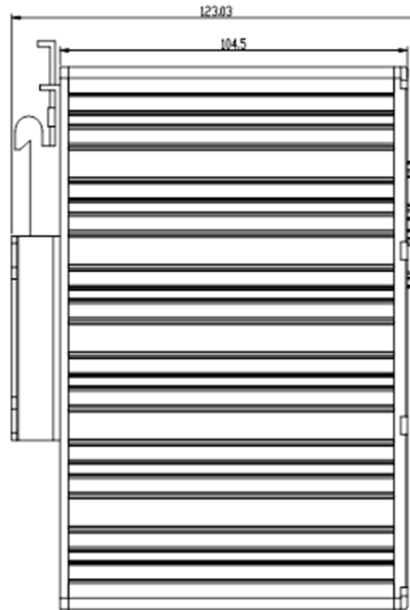
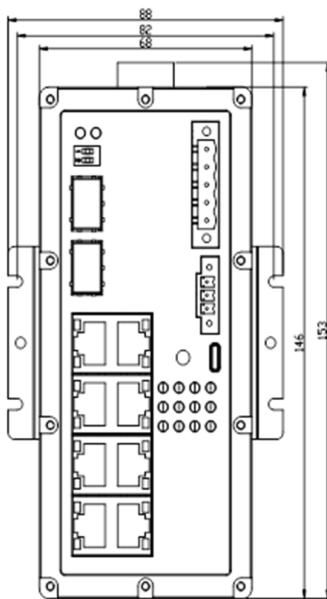
| | |
|-----------------------------|----------------------|
| Redundant Power Input | 46 ~ 57Vdc |
| Power Consumption | < 5W (no PoE output) |
| Overload Current Protection | Yes |
| Reverse Polarity Protection | Yes |

Protection

| | |
|-----------|--------------------|
| Enclosure | IP40 |
| ESD | Industrial level 3 |

Environmental

| | |
|-----------------------|--------------------------|
| Operating Temperature | -40° ~ +75°C |
| Storage Temperature | -40° ~ +85°C |
| Operating Humidity | 5% to 95% non-condensing |



Order Information

ESUGS8 – P2 – B: PoE/PoE+ version, 8*10/100/1000M Base-T, 2*Gigabit SFP

ESUGN8 – P2 – B: Non-PoE version, 8*10/100/1000M Base-T, 2*Gigabit SFP

1. SFP module sold separately.
2. Power supply sold separately.

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